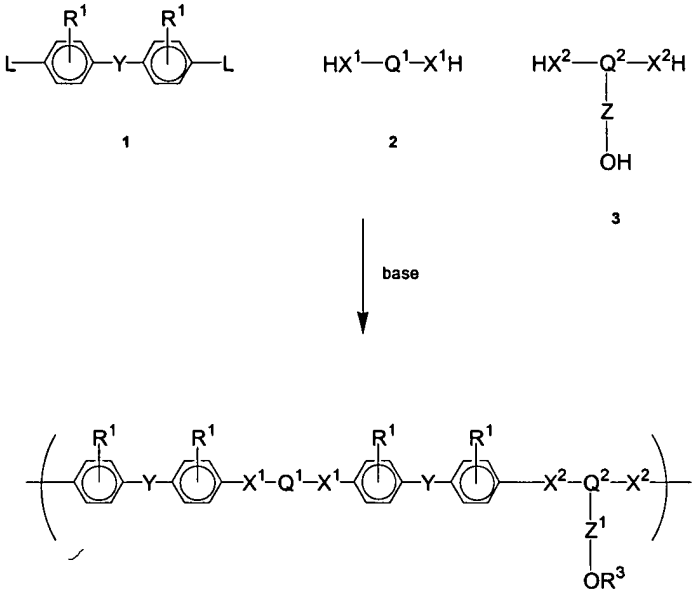
Figure 1


R1
R1
L
Y
L
HX1—Q1—X1H
HX2—Q2—X2H
Z
OH
1
2
3
base
R1
R1
R1
R1
Y
X1—Q1—X1
Y
X2—Q2—X2
Z1
OR3

(I)

Figure 2

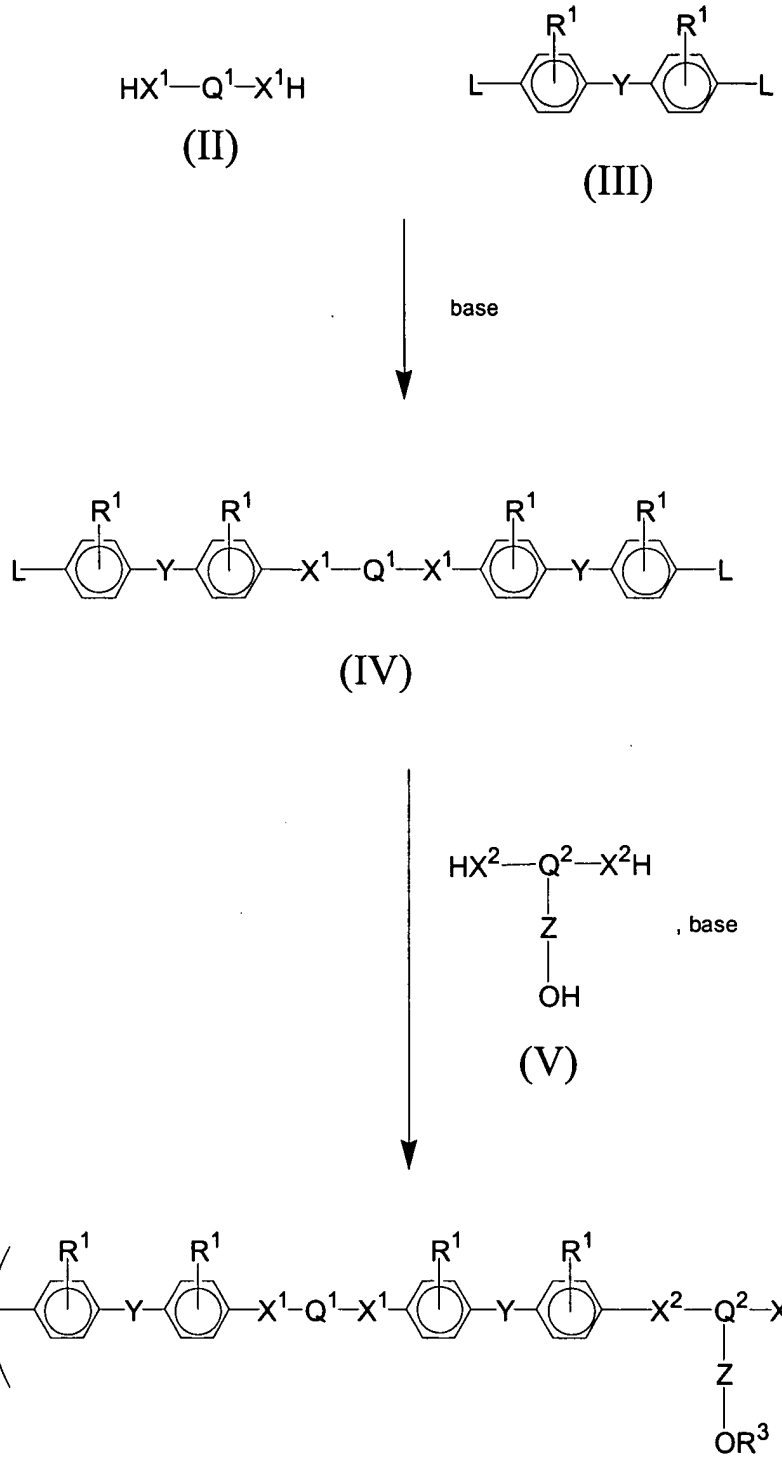

HX1—Q1—X1H
(II)
R1
R1
L
Y
L
(III)
base
R1
R1
R1
R1
L
Y
X1—Q1—X1
Y
L
(IV)
HX2—Q2—X2H
Z
OH
, base
(V)
R1
R1
R1
R1
Y
X1—Q1—X1
Y
X2—Q2—X2
Z
OR3
(I)

Figure 3

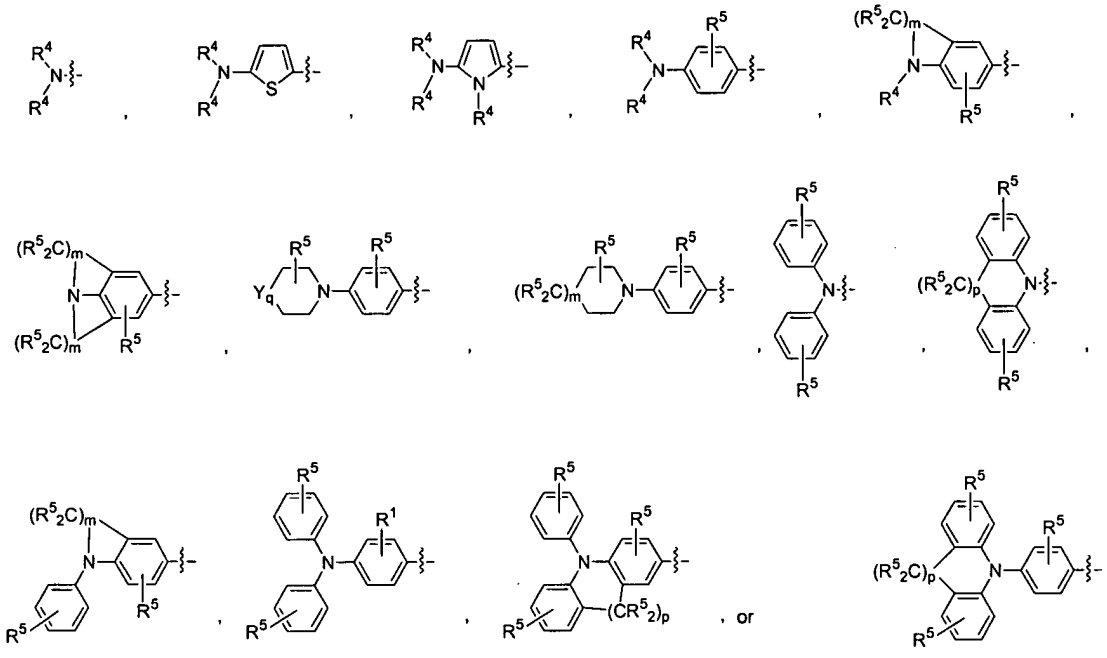


Figure 4

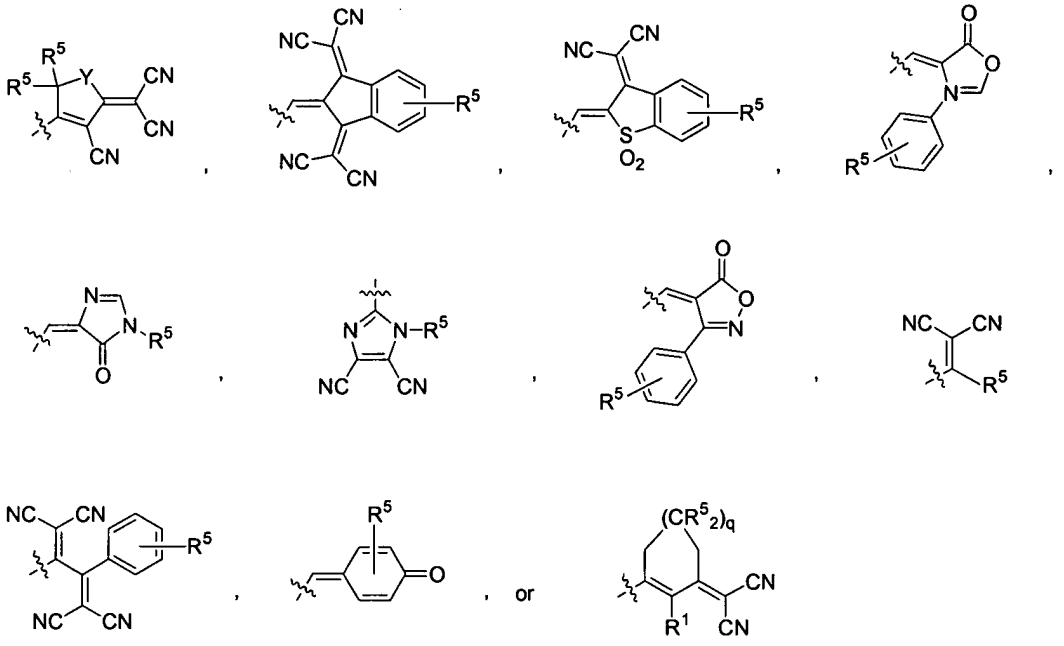


Figure 5

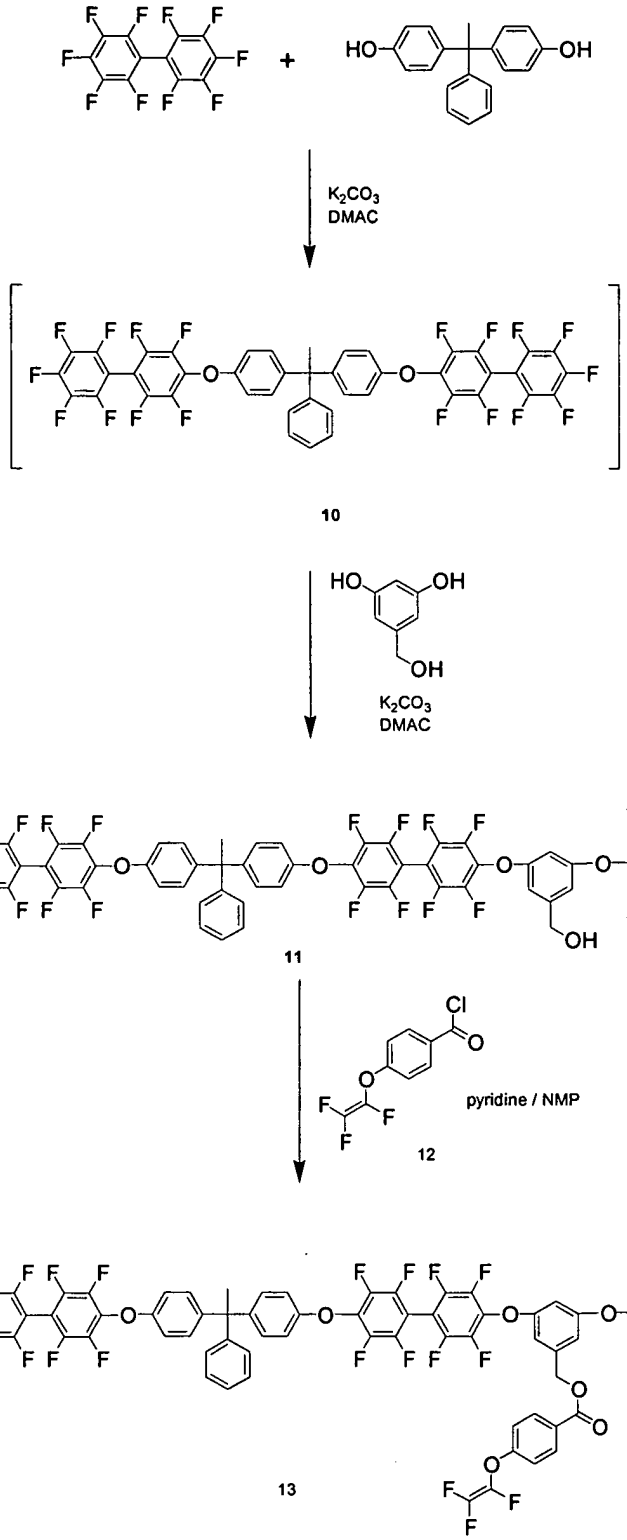


Figure 6

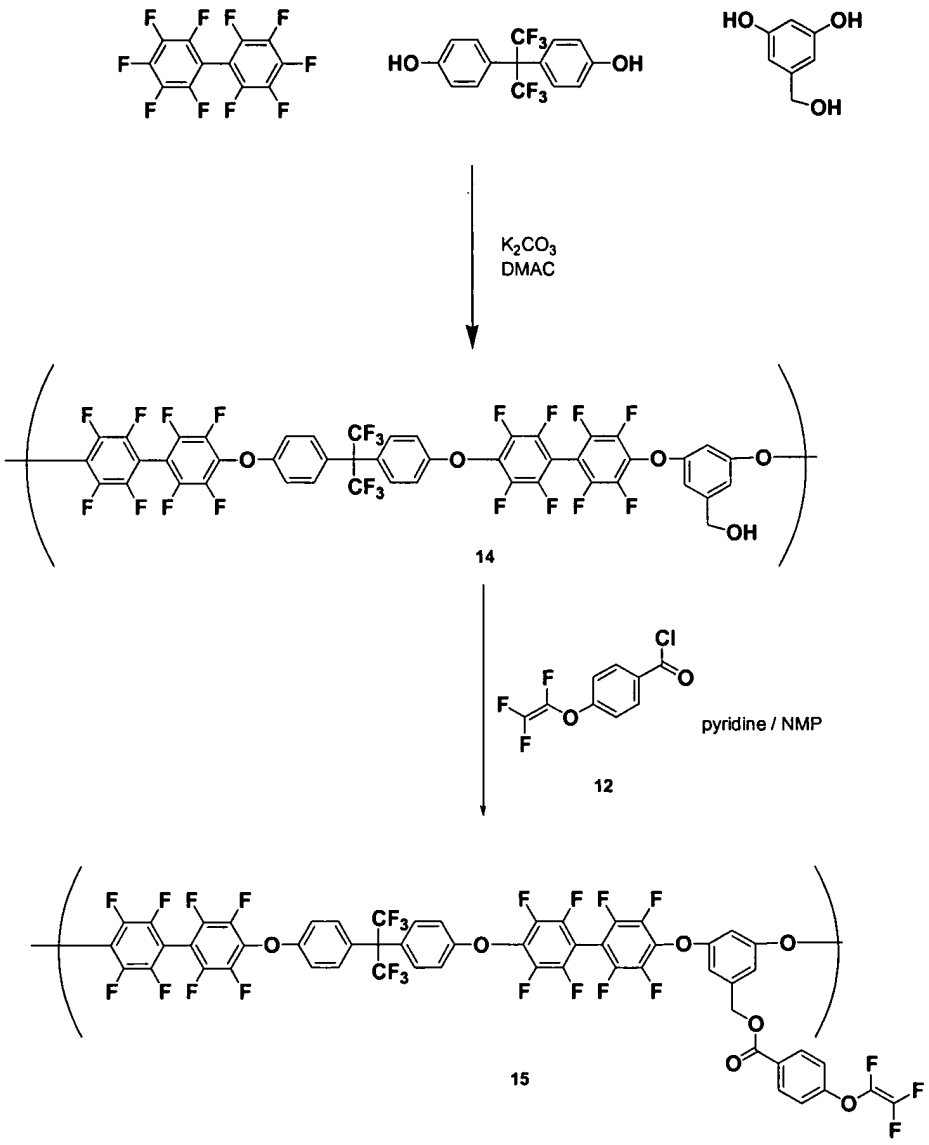
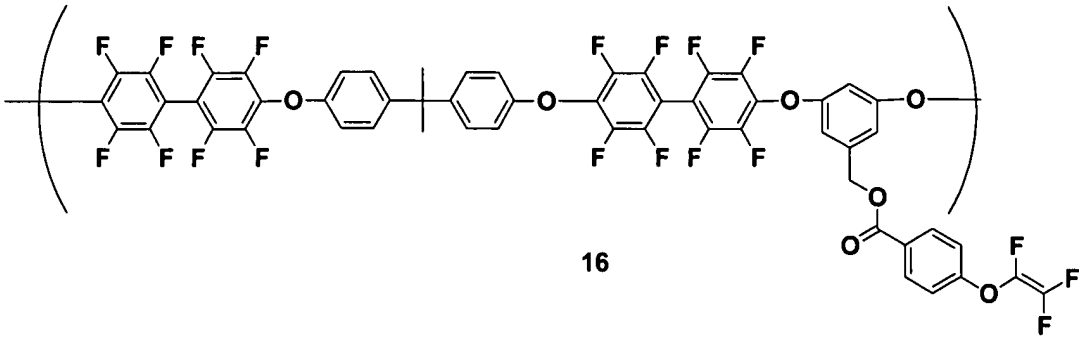


Figure 7



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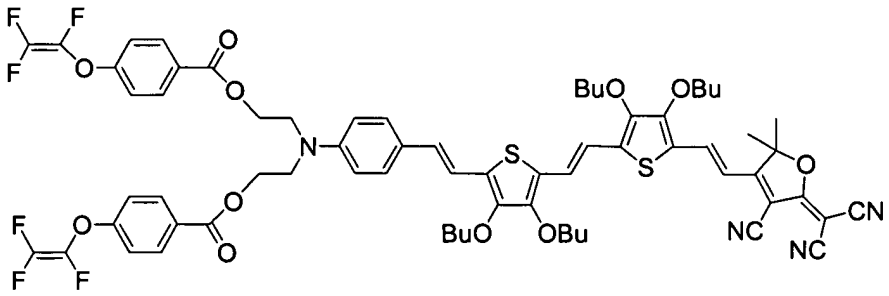

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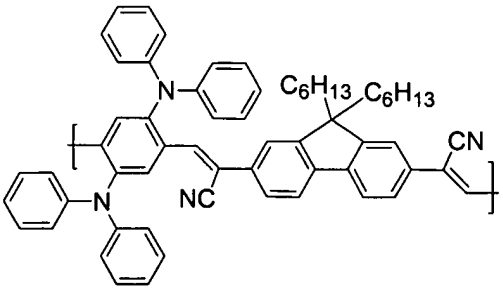

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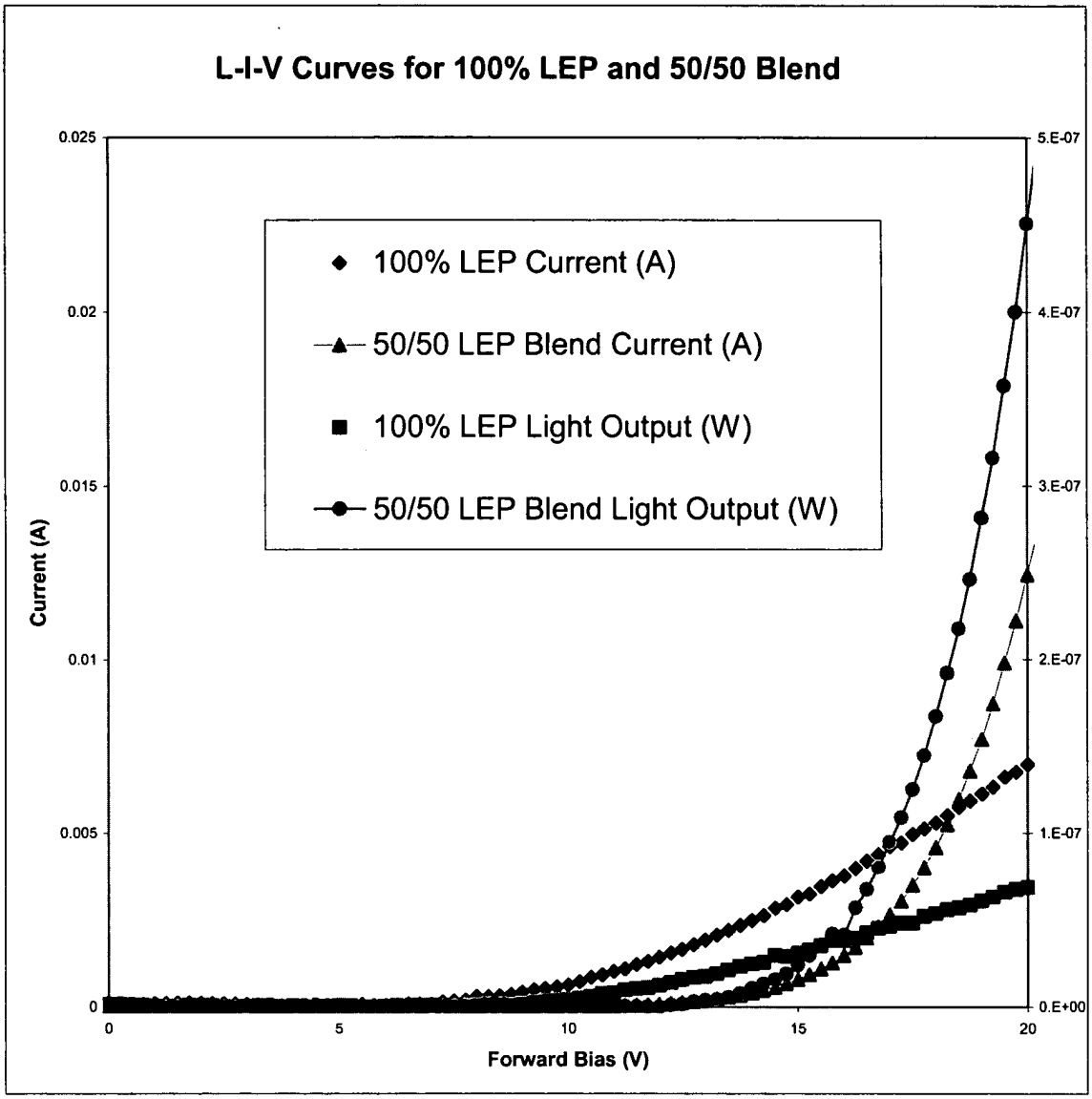
Figure 8


L-I-V Curves for 100% LEP and 50/50 Blend
100% LEP Current (A)
50/50 LEP Blend Current (A)
100% LEP Light Output (W)
50/50 LEP Blend Light Output (W)
Current (A)
Forward Bias (V)
0.025
0.02
0.015
0.01
0.005
0
5.E-07
4.E-07
3.E-07
2.E-07
1.E-07
0.E+00
0
5
10
15
20